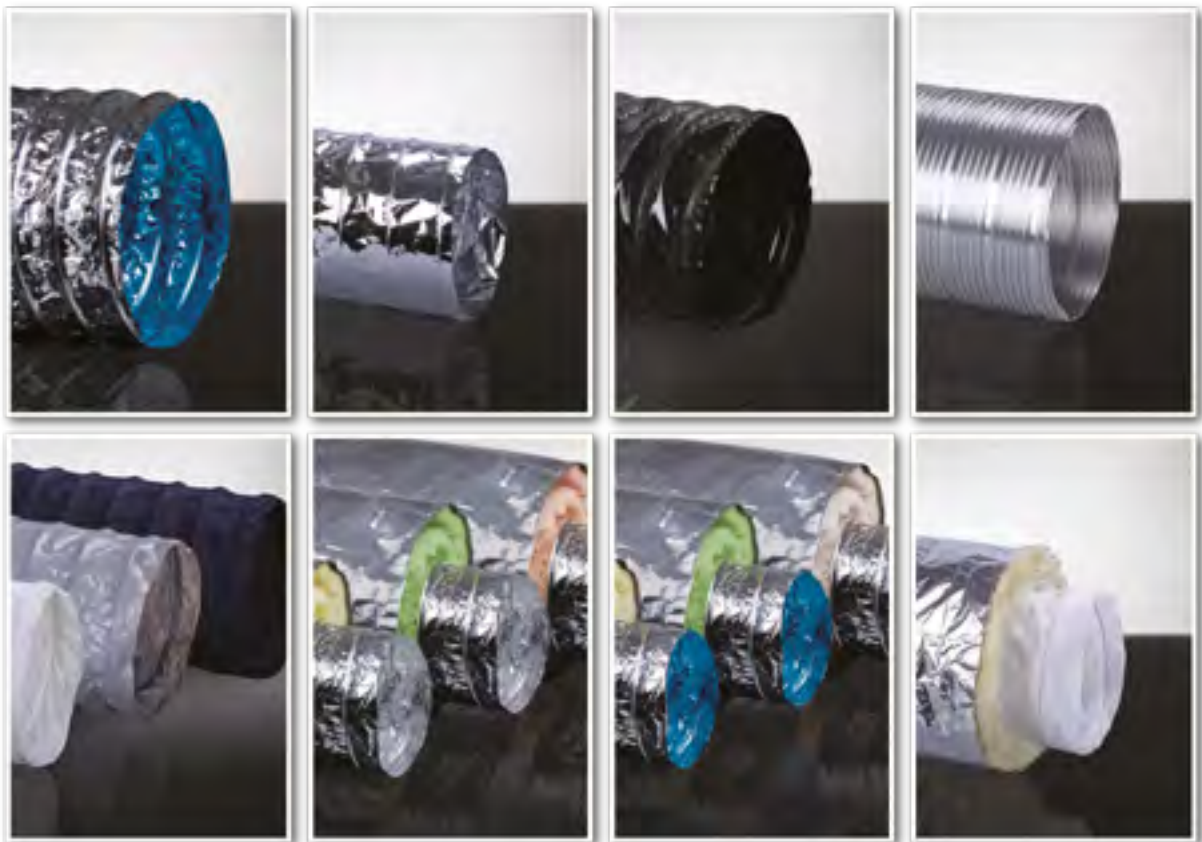


Flexible Solutions



Flexible Ducts





ALUVENT-I

• DESCRIPTION •

ALUVENT-I is lightweight flexible non-insulated air duct made of multilayer, polyester laminated aluminium foil reinforced with spiral high tension steel wire.

Due to its exceptional flexibility can be easy installed on round and oval connectors. ALUVENT-I is made for low and medium pressure ventilation systems.

Application temperature: -30°C to + 140°C
 Diameters: from 82 mm to 508 mm
 Standard length: 3 m, 5 m, 10 m
 Color: silver
 iConstruction: 11(PET/Al), 12(PET/2xAl), 22(2xPET/2xAl), 23(2xPET/3xAl)

Internal diameter $\varnothing=D$ / mm	Standard length / m	Internal diameter $\varnothing=D$ / mm	Standard length / m
82	3/5/10	203	3/5/10
102	3/5/10	229	3/5/10
112	3/5/10	254	3/5/10
120	3/5/10	280	3/5/10
127	3/5/10	305	3/5/10
133	3/5/10	315	3/5/10
140	3/5/10	356	3/5/10
152	3/5/10	406	3/5/10
160	3/5/10	457	3/5/10
165	3/5/10	508	3/5/10
185	3/5/10		



ALUVENT-I ANTIBACTERIAL

• DESCRIPTION •

AluVent-i ANTIBACTERIAL is lightweight flexible non-insulated air duct made of multilayer, polyester laminated aluminium anti-microbially treated foil reinforced with spiral high tension steel wire. Due to its exceptional flexibility can be easily installed on round and oval connectors.

AluVent-i ANTIBACTERIAL is made for low and medium pressure ventilation systems. Effective on a wide range of bacteria and fungi (i.e. Escherichia Coli, MRSA, Salmonella, Listeria, Legionella, Pseudomonas).

Application temperature: from -30°C to + 140°C
 Diameters: from 82 mm to 508 mm
 Standard length: 10 m
 Color: silver/blue
 Construction: 11(P/Al), 21(2xP/Al), 23(2xP/3xAl)

Internal diameter $\varnothing=D$ / mm	Standard length / m	Internal diameter $\varnothing=D$ / mm	Standard length / m
82	10	203	10
102	10	229	10
112	10	254	10
120	10	280	10
127	10	305	10
133	10	315	10
140	10	356	10
152	10	406	10
160	10	457	10
165	10	508	10
185	10		



POLYVENT-I

• DESCRIPTION •

POLYVENT-I is lightweight flexible non-insulated air duct made from multilayer, metalized polyester laminated foil reinforced with spiral high tension steel wire. Due to its exceptional flexibility can be easily installed on round and oval connectors.

POLYVENT-I is made for low and medium pressure ventilation systems.

Application temperature: -30°C to + 120°C
 Diameters: from 82 mm to 508 mm
 Standard length: 3 / 5 / 10
 Color: silver
 Construction: 20 (2xMET.P)

Internal diameter $\varnothing=D$ / mm	Standard length / m	Internal diameter $\varnothing=D$ / mm	Standard length / m
82	3/5/10	203	3/5/10
102	3/5/10	229	3/5/10
112	3/5/10	254	3/5/10
120	3/5/10	280	3/5/10
127	3/5/10	305	3/5/10
133	3/5/10	315	3/5/10
140	3/5/10	356	3/5/10
152	3/5/10	406	3/5/10
160	3/5/10	457	3/5/10
165	3/5/10	508	3/5/10
185	3/5/10		



POLYVENT-I PE 10

• DESCRIPTION •

POLYVENT-I PE 10 is lightweight flexible non-insulated air duct made of polyethylene foil reinforced with spiral high tension steel wire. Due to its exceptional flexibility can be easily installed on round and oval connectors.

POLYVENT-I PE 10 is made for low and medium pressure ventilation systems.

Application temperature: from -30°C to + 70°C
 Diameters: from 82 mm to 508 mm
 Standard length: 10 m
 Color: black
 Construction: 10

Internal diameter $\varnothing=D$ / mm	Standard length / m	Internal diameter $\varnothing=D$ / mm	Standard length / m
82	10	203	10
102	10	229	10
112	10	254	10
120	10	280	10
127	10	305	10
133	10	315	10
140	10	356	10
152	10	406	10
160	10	457	10
165	10	508	10
185	10		



VENT-I FLEX COMBI

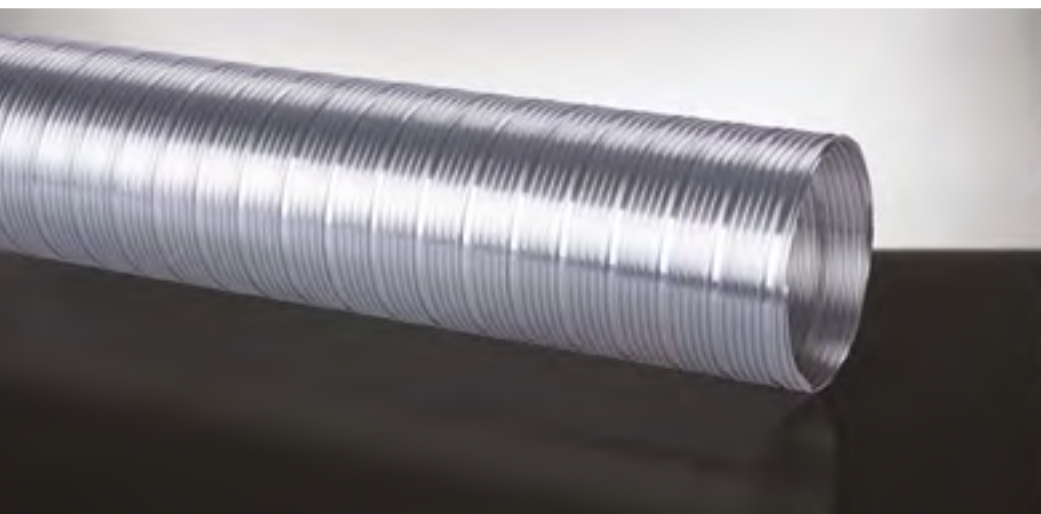
• DESCRIPTION •

VENT-I FLEX COMBI is a flexible duct distinguished by its hardness, high flexibility and extremely strong multi-layer walls and It is designed for various application fields. The duct is made of multi-layer polyester laminated aluminium and PVC foil reinforced with high tension steel wire.

Due to its exceptional flexibility can be easily installed to round and oval connectors. It is made for low and medium pressure ventilation systems.

Application temperature: from -30°C to + 140°C
 Diameters: from 82 mm to 508 mm
 Standard length: 10 m
 Color: B – black, G – grey
 Constructions: 11 (AL/P); 23 (3xAL/2xP)

Internal diameter $\varnothing=D$ / mm	Standard length / m	Internal diameter $\varnothing=D$ / mm	Standard length / m
82	10	203	10
102	10	229	10
112	10	254	10
120	10	280	10
127	10	305	10
133	10	315	10
140	10	356	10
152	10	406	10
160	10	457	10
165	10	508	10
185	10		



VENT-I FLEX AL STRETCH

• DESCRIPTION •

VENT-I FLEX AL STRETCH is a semi-flexible duct, constructed from one layer of corrugated aluminium, AL 99.5 resistant to moisture.

VENT-I FLEX AL STRETCH is designed for ventilation of wet environments, suitable for air conditioning systems and mechanical air supply systems in systems where fumes are extracted. Due to transport and dimensional stability the duct can be compressed to approx. 1/3 of its length.

Application temperature: -30°C to + 200°C
 Diameters: from 80 mm to 635 mm
 Standard length: 1.5 m, 3 m, 5 m and 10 m
 Color: grey

Internal diameter $\varnothing=D$ / mm	Standard length / m	Internal diameter $\varnothing=D$ / mm	Standard length / m
80	1.5 / 3 / 5 / 10	229	1.5 / 3 / 5 / 10
90	1.5 / 3 / 5 / 10	250	1.5 / 3 / 5 / 10
100	1.5 / 3 / 5 / 10	280	1.5 / 3 / 5 / 10
110	1.5 / 3 / 5 / 10	300	1.5 / 3 / 5 / 10
120	1.5 / 3 / 5 / 10	315	1.5 / 3 / 5 / 10
125	1.5 / 3 / 5 / 10	356	1.5 / 3 / 5 / 10
127	1.5 / 3 / 5 / 10	380	1.5 / 3 / 5 / 10
130	1.5 / 3 / 5 / 10	406	1.5 / 3 / 5 / 10
140	1.5 / 3 / 5 / 10	457	1.5 / 3 / 5 / 10
150	1.5 / 3 / 5 / 10	508	1.5 / 3 / 5 / 10
160	1.5 / 3 / 5 / 10	510	1.5 / 3 / 5 / 10
180	1.5 / 3 / 5 / 10	558	1.5 / 3 / 5 / 10
200	1.5 / 3 / 5 / 10	610	1.5 / 3 / 5 / 10
		635	1.5 / 3 / 5 / 10



VENT-I FLEX PVC

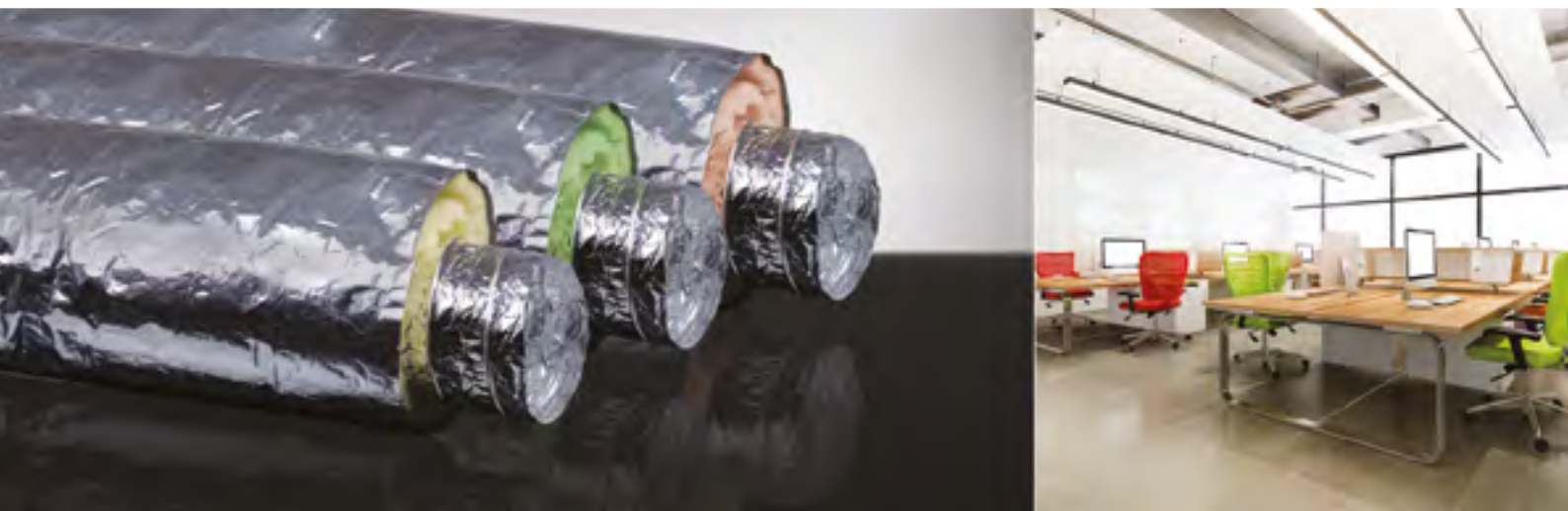
• DESCRIPTION •

VENT-I FLEX PVC is lightweight, flexible, non-insulated duct designed for the installation into the existing and new ventilation systems. It is made of PVC foil, reinforced with spiral high tension steel wire. Due to its exceptional flexibility can be easily installed on round and oval connectors.

VENT-I FLEX PVC is made for low and medium pressure ventilation systems.

Application temperature: from -20°C to + 70°C
 Diameters: from 82 mm to 315 mm
 Standard length: 6m, 10m, 15m
 Color: W-white, G-grey, D-black

Internal diameter $\varnothing=D$ / mm	Standard length / m	Internal diameter $\varnothing=D$ / mm	Standard length / m
2	6, 10, 15	203	6, 10, 15
102	6, 10, 15	229	6, 10, 15
112	6, 10, 15	254	6, 10, 15
120	6, 10, 15	280	6, 10, 15
127	6, 10, 15	305	6, 10, 15
133	6, 10, 15	315	6, 10, 15
140	6, 10, 15		
152	6, 10, 15		
160	6, 10, 15		
165	6, 10, 15		
185	6, 10, 15		



ISOVENT-I

• DESCRIPTION •

ISOVENT-I is made of **ALUVENT-I** inner duct as the basic duct, thermal insulation of glass wool 25 mm thick and external jacket made of polyester laminated aluminium foil. Due to its exceptional flexibility it is easy to install on circular and oval connectors.

ISOVENT-I is lightweight, flexible, thermally insulated duct designed for the installation in ventilation and air conditioning systems.

Application temperature: -30°C to + 140°C

Diameters: from 82 mm to 508 mm

Standard Length: 10 m

Color: silver

Glass wool color: Y-yellow, P-pink, G-green

Construction: 11(PET/AL), 12(PET/2xAl), 21(2xPET/Al), 22(2xPET/2xAl), 23(2xPET/3xAl)

Internal diameter $\varnothing=D$ / mm	Standard length / m	Internal diameter $\varnothing=D$ / mm	Standard length / m
82	10	185	10
102	10	203	10
112	10	229	10
120	10	254	10
127	10	280	10
133	10	305	10
140	10	315	10
152	10	356	10
160	10	406	10
165	10	457	10
		508	10



ISOVENT-I ANTIBACTERIAL

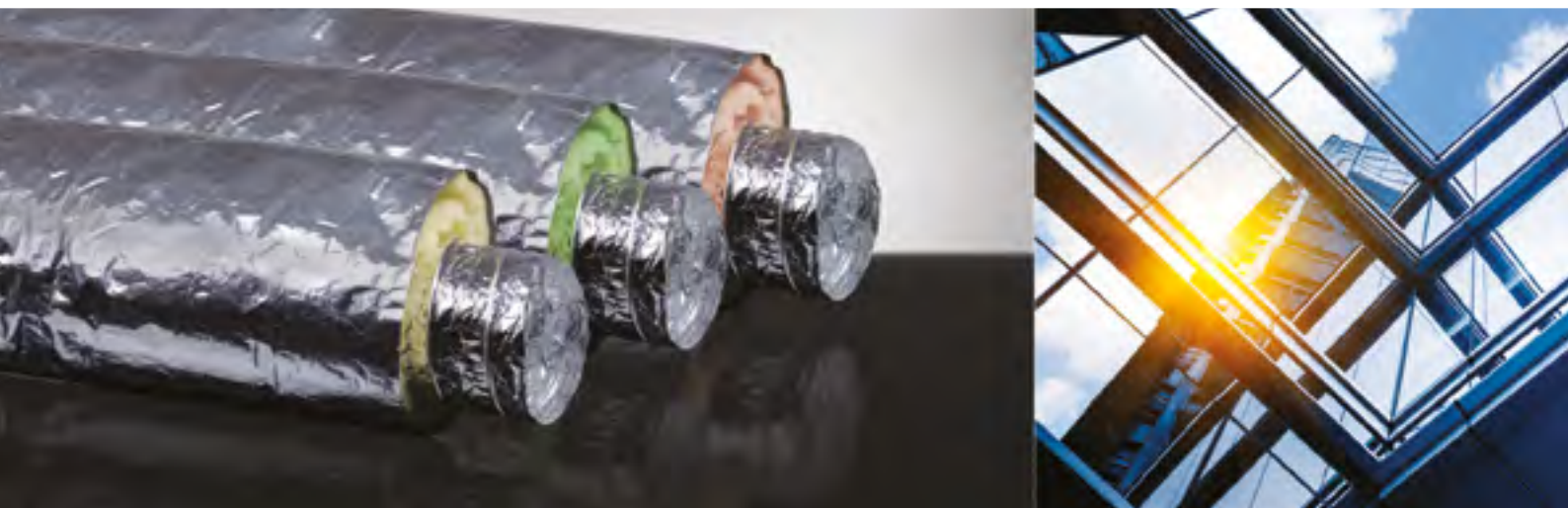
• DESCRIPTION •

ISOVENT-I ANTIBACTERIAL is made of **ALUVENT-I ANTIBACTERIAL** as the basic duct, thermal insulation (glass or polyester) 25 mm thick and external jacket made of polyester laminated aluminium foil. Due to its exceptional flexibility it is easy to install on circular and oval connectors.

ISOVENT-I ANTIBACTERIAL is lightweight, flexible, thermally insulated duct designed for the installation in ventilation and air conditioning systems. Effective on a wide range of bacteria and fungi (i.e. Escherichia Coli; MRSA, Salmonella, Listeria, Legionella, Pseudomonas)

Application temperature: from -30°C to + 140°C
Diameters: from 82 mm to 508 mm
Standard Length: 10 m
Insulation Color: Y-yellow, G-green, W-white
Color: silver/blue
Construction: 11(P/Al), 21(2xP/Al), 23(2xP/3xAl)
Jacket type: O, J, F

Internal diameter $\phi=D$ / mm	Standard length / m	Internal diameter $\phi=D$ / mm	Standard length / m
82	10	185	10
102	10	203	10
112	10	229	10
120	10	254	10
127	10	280	10
133	10	305	10
140	10	315	10
152	10	356	10
160	10	406	10
165	10	457	10
		508	10



SONOVENT-I

• DESCRIPTION •

SONOVENT-I is made of perforated **ALUVENT-I** inner duct as the basic duct, thermal insulation of glass wool 25 mm thick and external jacket made of polyester laminated aluminium foil. Due to its exceptional flexibility it is easy to install on circular and oval connectors.

SONOVENT-I is a lightweight, flexible, acoustically insulated duct designed for the installation in ventilation and air conditioning systems.

Application temperature: -30°C to + 140°C

Diameters: from 82 mm to 508 mm

Standard Length: 10 m

Color: silver

Wool color: Y-yellow, G-green, P-pink

Construction: 11(PET/AL), 12(PET/2xAl), 21(2xPET/Al), 22(2xPET/2xAl), 23(2xPET/3xAl)

FR (NF): M1

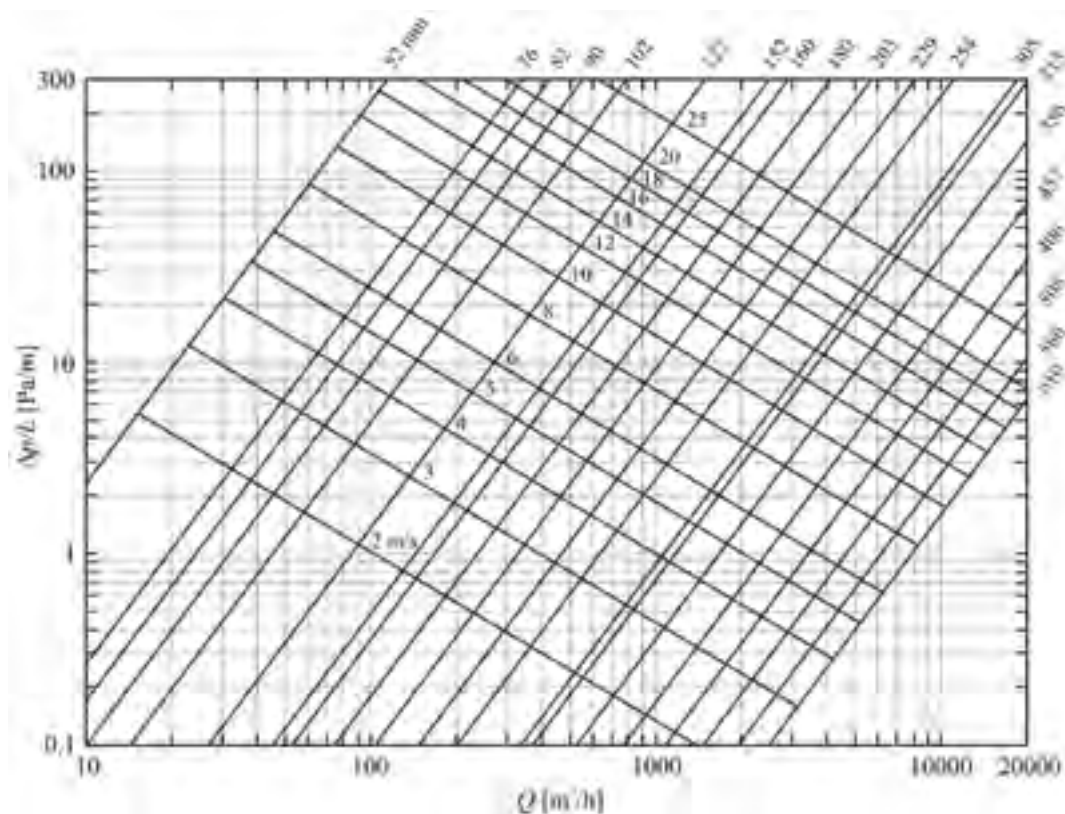
Sonotex A21/Y25J fulfills all the requirements and are classified as specified within EN 13180: Ventilation for buildings – Ductwork – Dimensions and mechanical requirements for flexible ducts.

EU (EN 13501-1) B-s1, d0

Internal diameter $\varnothing=D$ / mm	Standard length / m	Internal diameter $\varnothing=D$ / mm	Standard length / m
82	10	185	10
102	10	203	10
112	10	229	10
120	10	254	10
127	10	280	10
133	10	305	10
140	10	315	10
152	10	356	10
160	10	406	10
165	10	457	10
		508	10



Pressure loss:



Sound attenuation:

SONOVENT-I									
Insulation 25mm									
Dn (mm)	L (m)	f (Hz)							
		63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
100	1	11	15	21	25	34	29	31	22
125	1	9	13	21	24	26	26	31	21
160	1	5	8	12	29	28	27	31	18
200	1	2	6	13	23	22	27	23	17
250	1	4	10	17	19	19	21	14	14
315	1	3	16	18	17	19	16	10	8
406	1	2	9	17	15	20	10	5	3
100	2	13	17	22	25	43	48	31	22
125	2	13	13	21	26	34	37	32	24
160	2	14	15	17	27	35	44	36	26
200	2	8	11	21	26	39	29	34	20
250	2	3	7	17	24	27	27	23	19
315	2	5	13	21	20	22	24	16	11
406	2	7	14	16	16	22	16	8	6
100	3	16	17	28	39	43	48	32	22
125	3	14	18	27	38	41	44	33	25
160	3	17	17	25	37	39	37	37	27
200	3	22	21	23	35	38	36	39	28
250	3	5	10	20	30	32	28	32	24
315	3	9	18	21	25	30	28	23	16
406	3	8	18	17	18	22	20	13	8



SONOVENT-I NW

• DESCRIPTION •

SONOVENT-I NW is made of Non-Woven anti-bacterial inner duct, thermal insulation of glass woll 25 mm or 50 mm thick and external jacket made of polyester laminated aluminium foil. Due to its exceptional flexibility it is easy to install on circular and oval Connections.

Duct is a lightweight, flexible, acoustically insulated duct designed for the installation in ventilation and air conditioning systems.

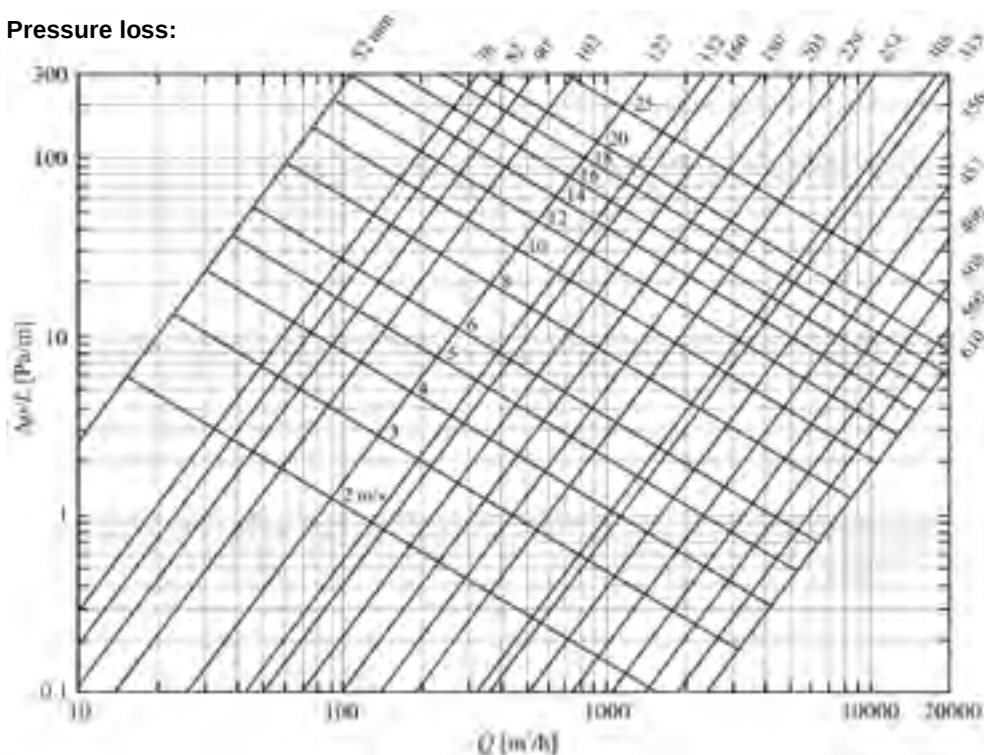
The Sonovent-i NW fullfils all the requirements and are classified as specified within EN 13180: *Ventilation for buildings – Ductwork – Dimensions and mechanical requirements for flexible ducts.*

Application temperature: from -30°C to +140°C
 Diameters: from 82 mm to 457 mm
 Standard length: 10 m
 Color: silver
 Woll color: Y – yellow

Internal diameter $\varnothing=D$ / mm	Standard length / m	Internal diameter $\varnothing=D$ / mm	Standard length / m
82	10	229	10
102	10	254	10
127	10	280	10
133	10	305	10
152	10	325	10
160	10	356	10
185	10	406	10
203	10	457	10



Pressure loss:



Sound attenuation:

SONOVENT-I NW									
Dn (mm)	L (m)	f (Hz)							
		63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
100	0,5	12	14	20	22	23	24	31	21
125	0,5	8	6	11	22	23	27	31	19
160	0,5	6	7	9	21	22	25	30	18
200	0,5	1	3	5	17	18	25	19	13
250	0,5	3	6	10	13	13	15	11	12
315	0,5	2	4	11	12	12	11	7	8
406	0,5	3	5	9	8	10	6	3	1
100	1	11	15	21	25	34	29	31	22
100	1	13	17	28	35	34	38	44	22
125	1	11	12	30	25	26	30	40	24
160	1	7	16	30	23	24	30	34	22
200	1	3	7	29	23	22	28	29	17
250	1	3	12	20	19	19	24	17	16
315	1	4	17	18	16	17	20	12	10
406	1	5	12	15	13	17	12	6	3
100	2	16	18	22	25	28	26	31	22
125	2	15	15	23	27	30	29	32	25
160	2	14	17	20	26	29	28	36	27
200	2	7	10	17	27	29	29	38	24
250	2	4	10	20	24	25	27	29	19
315	2	6	14	20	20	21	26	19	14
406	2	10	19	16	16	20	19	10	6
100	3	16	17	23	25	30	28	32	22
125	3	14	17	22	25	28	29	32	25
160	3	22	21	23	25	30	29	37	28
200	3	12	15	22	25	27	30	40	28
250	3	7	15	21	23	27	28	36	23
315	3	10	20	20	20	23	28	27	15
406	3	12	22	17	18	23	22	15	6



SONOVENT-I COMBI

• DESCRIPTION •

SONOVENT-I COMBI is made of perforated aluminium and polyester laminated inner duct, as the basic duct, thermal insulation of glass wool 25 mm thick and external jacket made of aluminium and polyester laminated duct additionally protected with PVC.

SONOVENT-I COMBI is a lightweight flexible, acoustically insulated duct designed for the installation in ventilation and air conditioning systems. Due to its exceptional flexibility it is easy to install on circular and oval connectors.

Application temperature: -30°C to + 140°C
Diameters: from 82 mm to 508 mm
Standard Length: 10 m
Glass wool color: Y-yellow
Color: G-grey, D-black

Internal diameter $\phi=D$ / mm	Standard length / m	Internal diameter $\phi=D$ / mm	Standard length / m
82	5	203	5
102	5	229	5
112	5	254	5
120	5	280	5
127	5	305	5
133	5	315	5
140	5	356	5
152	5	406	5
160	5	457	5
165	5	508	5
185	5		



SONOVENT-I COMBI

**Insulation
25mm**

Dn	L (mm)(m)	f (Hz)							
		63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
100	1	11	15	21	25	34	29	31	22
125	1	9	13	21	24	26	26	31	21
160	1	5	8	12	29	28	27	31	18
200	1	2	6	13	23	22	27	23	17
250	1	4	10	17	19	19	21	14	14
315	1	3	16	18	17	19	16	10	8
406	1	2	9	17	15	20	10	5	3
100	2	13	17	22	25	43	48	31	22
125	2	13	13	21	26	34	37	32	24
160	2	14	15	17	27	35	44	36	26
200	2	8	11	21	26	39	29	34	20
250	2	3	7	17	24	27	27	23	19
315	2	5	13	21	20	22	24	16	11
406	2	7	14	16	16	22	16	8	6
100	3	16	17	28	39	43	48	32	22
125	3	14	18	27	38	41	44	33	25
160	3	17	17	25	37	39	37	37	27
200	3	22	21	23	35	38	36	39	28
250	3	5	10	20	30	32	28	32	24
315	3	9	18	21	25	30	28	23	16
406	3	8	18	17	18	22	20	13	8



SONOVENT-I D

• DESCRIPTION •

SONOVENT-I D is made of perforated aluminium and polyester laminated inner duct, as the basic duct, thermal insulation of glass wool 25 mm thick and external jacket made of aluminium and polyester laminated duct. Due to its exceptional flexibility it is easy to install on circular and oval connectors.

Duct is a lightweight, flexible, acoustically insulated duct designed for the installation in ventilation and air conditioning systems.

Application temperature: -30°C to +140°C
 Diameters: from 82 mm to 508 mm
 Standard length: 5m
 Color: silver
 Glass wool color: Y-yellow

Internal diameter $\phi=D$ / mm	Standard length / m	Internal diameter $\phi=D$ / mm	Standard length / m
82	5	203	5
102	5	229	5
112	5	254	5
120	5	280	5
127	5	305	5
133	5	315	5
140	5	356	5
152	5	406	5
160	5	457	5
165	5	508	5
185	5		



SONOVENT-I D

Insulation 25mm

Dn	L (mm)(m)	f (Hz)							
		63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
100	1	11	15	21	25	34	29	31	22
125	1	9	13	21	24	26	26	31	21
160	1	5	8	12	29	28	27	31	18
200	1	2	6	13	23	22	27	23	17
250	1	4	10	17	19	19	21	14	14
315	1	3	16	18	17	19	16	10	8
406	1	2	9	17	15	20	10	5	3
100	2	13	17	22	25	43	48	31	22
125	2	13	13	21	26	34	37	32	24
160	2	14	15	17	27	35	44	36	26
200	2	8	11	21	26	39	29	34	20
250	2	3	7	17	24	27	27	23	19
315	2	5	13	21	20	22	24	16	11
406	2	7	14	16	16	22	16	8	6
100	3	16	17	28	39	43	48	32	22
125	3	14	18	27	38	41	44	33	25
160	3	17	17	25	37	39	37	37	27
200	3	22	21	23	35	38	36	39	28
250	3	5	10	20	30	32	28	32	24
315	3	9	18	21	25	30	28	23	16
406	3	8	18	17	18	22	20	13	8



SEMI-SONO

• DESCRIPTION •

SEMI-SONO is a semi flexible sound attenuator consists of single layer corrugated perforated aluminium AL 99.5 inner duct and provided with a laminated aluminium and polyester outer jacket.

The space between the inner and outer duct is filled with 25 mm sound absorbing material. The duct standard supplied in 3m length and not fitted with caps but it is possible to order with male-male, female-male or female-female stainless steel connectors. Caps are used for easy connection to any rigid ductwork, pipes and fittings.

Application temperature: -30°C to + 140°C
Diameters: from 80 mm to 315 mm
Standard length: 0.5 m, 1.0 m, 1.5 m, 3 m
Color: silver
Type: 1(MM), 2(MF), 3(FF)

Diameter

80
100
125
150
160
180
200
250
315

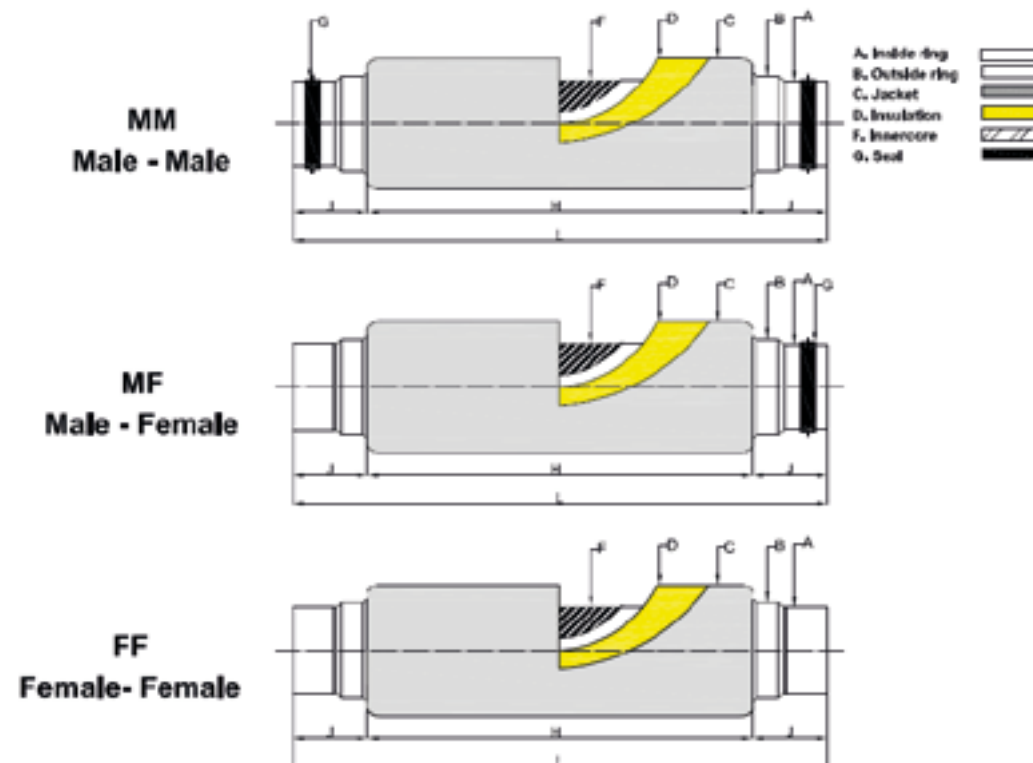
Ident

CN T AC 080 D
CN T AC 100 D
CN T AC 125 D
CN T AC 150 D
CN T AC 160 D
CN T AC 180 D
CN T AC 200 D
CN T AC 250 D
CN T AC 315 D



Assembling info:

Length L: $L = H + 2 \times J$
Length H: Insulation length: 0.5; 1.0; 1.5 m ; Tolerance length: $-0 +0,02$ m
Length J: 80 mm



Sound attenuation:

Insulation 25 mm									
Ø (mm)	L (mm)	Insertion loss D_i (dB)							
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
100	500	14	16	23	28	22	29	24	8
125	500	10	15	19	21	21	27	18	8
160	500	9	13	22	19	15	24	16	7
200	500	9	11	18	15	13	17	12	7
250	500	10	10	16	13	11	13	7	4
315	500	9	11	11	10	8	6	4	3
MU (dB)		3	2	2	2	4	6	6	6

Insulation 25 mm									
Ø (mm)	L (mm)	Insertion loss D_i (dB)							
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
100	1000	13	17	30	38	35	40	39	18
125	1000	13	19	34	31	32	33	30	16
160	1000	16	21	31	28	26	30	25	16
200	1000	9	16	28	21	23	31	16	13
250	1000	14	23	21	19	20	28	10	9
315	1000	10	21	17	16	19	19	9	6
MU (dB)		3	2	2	2	4	6	6	6



VENT-I DAMP SEMIRIGID

• DESCRIPTION •

VENT-I DAMP SEMIRIGID is a sound attenuator made of perforated one layer corrugated aluminium AL 99,5 as the basic duct, thermal insulation of glass wool 25 or 50 mm thick and external duct formed from one layer of corrugated aluminium AL 99,5.

Duct is a semi flexible lightweight, thermally insulated sound attenuator, designed for the installation in ventilation and air conditioning systems for noise reduction.

Application temperature: -30°C to + 250°C
 Diameters: from 80 mm to 315 mm
 Standard length: 0,5 m, 1 m
 Color: silver

Internal diameter $\varnothing=D$ / mm	Standard length / m	Internal diameter $\varnothing=D$ / mm	Standard length / m
80	0.5/1	180	0.5/1
100	0.5/1	200	0.5/1
125	0.5/1	250	0.5/1
150	0.5/1	300	0.5/1
160	0.5/1	315	0.5/1



VENT-I DAMP SEMIRIGID

Insulation 25mm

Dn	L (mm)(m)	f (Hz)							
		63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
100	1	5	5	8	21	33	47	25	11
125	1	5	5	8	20	32	45	20	10
160	1	8	5	6	13	26	44	20	12
200	1	1	2	4	13	27	28	13	11
250	1	1	3	3	10	21	19	8	6
315	1	1	3	6	14	29	15	6	5

Insulation 50mm

100	1	4	6	11	24	43	58	39	15
125	1	5	6	13	24	40	52	51	14
160	1	2	3	10	27	40	41	22	13
200	1	2	4	9	22	38	27	19	11
250	1	3	3	8	22	37	22	12	9
315	1	2	2	7	17	30	12	8	7



VENT-I DAMP RIGID

• DESCRIPTION •

VENT-I DAMP RIGID is a rigid sound attenuator, made of perforated sheet metal inner duct, as the basic duct, thermal insulation of glass wool 50 mm thick and external smooth duct made of metal sheet. The space between the inner duct and glass wool is covered with Non-Woven anti-bacterial fabric.

Duct is lightweight, thermally insulated sound attenuator designed for the installation in ventilation and air conditioning systems for noise reduction.

Application temperature: -30°C to + 250°C
 Diameters: from 80 mm to 315 mm
 Standard length: 0.3 m, 0.6 m, 0.9 m
 Color: silver

Internal diameter $\phi=D$ / mm	Standard length / m	Internal diameter $\phi=D$ / mm	Standard length / m
80	0.3/0.6/0.9	180	0.3/0.6/0.9
100	0.3/0.6/0.9	200	0.3/0.6/0.9
125	0.3/0.6/0.9	250	0.3/0.6/0.9
150	0.3/0.6/0.9	315	0.3/0.6/0.9
160	0.3/0.6/0.9		



VENT-I DAMP RIGID

Insulation 50mm

Dn	L (mm)(m)	f (Hz)							
		63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
100	0,6	10	7	10	17	27	37	29	17
125	0,6	8	4	9	18	28	35	28	15
160	0,6	8	5	7	14	24	28	20	15
200	0,6	10	4	6	12	23	27	15	11
250	0,6	0	0	2	7	19	20	8	10
315	0,6	0	1	3	8	17	18	6	8
100	0,9	5	8	13	26	42	41	32	21
125	0,9	8	7	11	27	39	38	32	19
160	0,9	8	8	10	26	32	37	28	18
200	0,9	3	3	5	26	29	34	20	14
250	0,9	3	3	3	17	22	33	11	13
315	0,9	2	4	5	15	22	22	8	8
100	1,07	6	10	16	27	42	42	32	22
125	1,07	5	7	13	25	39	40	32	22
160	1,07	4	9	12	21	33	38	31	19
200	1,07	2	4	8	27	32	35	21	16
250	1,07	4	6	8	15	28	33	14	15
315	1,07	2	3	5	12	24	23	8	8



VENT-I FLEX SLEEVE

• DESCRIPTION •

VENT-I FLEX SLEEVE and VENT-I FLEX SLEEVE PE are made of jacket and glass mineral wool with a thickness of 25 mm. VENT-I FLEX SLEEVE is made of polyester laminated aluminum jacket and VENT-I FLEX SLEEVE PE is made of polyethylene jacket. Sleeves are produced with a plastic barrier, which make mounting easier.

VENT-I FLEX SLEEVE and VENT-I FLEX SLEEVE PE are suitable for preventing condensation and energy loss. Sleeves are used as insulation for any rigid ventilation system, especially spiro duct work.

Application temperature: -30°C to + 140°C
Diameters: from 82 mm to 508 mm
Standard Length: 10 m
Color: grey
Construction: SL (SLEEVE)/SLPE(SLEEVE PE)

Internal diameter $\varnothing=D$ / mm	Standard length / m	Internal diameter $\varnothing=D$ / mm	Standard length / m
76	10	203	10
82	10	229	10
102	10	254	10
127	10	280	10
133	10	305	10
140	10	315	10
152	10	356	10
160	10	406	10
165	10	457	10
180	10	508	10



VENT-I CONNECTOR AL STRECH

• DESCRIPTION •

VENT-I CONNECTOR AL STRECH is made of semi flexible duct consists of single layer corrugated perforated aluminium AL 99,5. The duct is standard fitted with stainless steel caps on both ends. Caps are used for easy connection to any rigid ductwork, pipes and fittings.

Duct is designed for air conditioning systems, ventilation systems. Resolves the problems of measures inaccuracy and saves the time of installation and material.

Application temperature: -30°C to + 250°C
Diameters: from 80 mm to 315 mm
Standard Length: 0.5 m, 1.0 m, 1.5 m
Color: silver
Type: 1(MM), 2(MF), 3(FF)

Diameter

80
100
125
150
160
180
200
250
315

Ident

CN T AL 080 D
CN T AL 100 D
CN T AL 125 D
CN T AL 150 D
CN T AL 160 D
CN T AL 180 D
CN T AL 200 D
CN T AL 250 D
CN T AL 315 D



VENT-I FLEX JACKET

• DESCRIPTION •

VENT-I FLEX JACKET is made from thermal insulation of glass wool 50 mm thick and external jacket formed from aluminium and polyethylene laminated foil. Due to its exceptional flexibility it is easy to install on circular and oval connectors.

VENT-I FLEX JACKET is thermally insulated jacket designed to prevent condensation and heat loss in the angular bend of the circular and rectangular cross-section.

Application temperature: -30°C to + 110°C

Diameters: given in the table

Color: grey

Construction: MTC (Al/HDPE); MTCV(Al/HDPE); MTT(Al/HDPE); MTS(Al/2xPET)

Un. diameter / mm

100

125

150

204x60

220x90